

**TO:** Air Quality Board

**THROUGH:** Bryce C. Bird, Executive Secretary

**FROM:** Bill Reiss, Environmental Engineer

**DATE:** September 5, 2018

**SUBJECT:** PROPOSE FOR PUBLIC COMMENT: Amend SIP Subsection IX.A.31: Control Measures for Area and Point Sources, Fine Particulate Matter, Serious Area PM<sub>2.5</sub> SIP for the Salt Lake City, UT Nonattainment Area.

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On December 14, 2009, EPA designated the Salt Lake City, UT PM<sub>2.5</sub> Nonattainment Area. Utah was required to submit a Moderate Area nonattainment plan for the area that demonstrated either 1) attainment of the National Ambient Air Quality Standard (NAAQS) by an attainment date, established as December 31, 2015, or alternately 2) that attainment by such date was impracticable.

The plan submitted by Utah demonstrated the latter, and after the attainment date had arrived EPA determined that the area did not meet the NAAQS. This finding led to a re-classification of the SLC PM<sub>2.5</sub> nonattainment area from Moderate to Serious, and a new requirement for the State to submit a Serious Area State Implementation Plan (SIP) to the EPA.

A Serious Area SIP must insure Best Available Controls Measures and Technologies (BACM / BACT), and must include a demonstration of attainment no later than 10 years after the year in which the area had been initially designated (December 31, 2019.)

The Division of Air Quality is proposing its plan to address these requirements. The BACM / BACT requirements have been addressed for stationary point sources in a companion piece of the SIP that the Board released for public comment in July. The demonstration of attainment includes a modeled evaluation of the airshed with respect to emission reductions expected in time for 2019. It is supplemented by additional information that comprises a weight of evidence that concludes the SLC nonattainment area will be able to demonstrate attainment of the 2006, 24-hour PM<sub>2.5</sub> health standard by the attainment date of December 31, 2019.

The plan includes necessary elements to support the demonstration, control strategy, and implementation of the plan. These elements include emissions inventories, mobile source emission budgets, quantitative milestones which demonstrate reasonable further progress toward attainment, and contingency measures.

Staff Recommendation: Staff recommends that the Board propose SIP Subsection IX.A.31: Control Measures for Area and Point Sources, Fine Particulate Matter, Serious Area PM<sub>2.5</sub> SIP for the Salt Lake, UT Nonattainment Area, for a 30-day public comment period.